

Title (en)

Curable mixture based on cycloaliphatic epoxy resins

Title (de)

Härtbares Gemisch auf Basis von cycloaliphatischen Epoxidharzen

Title (fr)

Mélange durcissable à base de résines époxydes cycloaliphatiques

Publication

EP 0394192 B1 19960529 (DE)

Application

EP 90810281 A 19900409

Priority

CH 144189 A 19890417

Abstract (en)

[origin: EP0394192A2] Curing of a curable mixture containing (a) from 90 to 50% by weight of a hydrogenated bisphenol A diglycidyl ether, a hydrogenated bisphenol F diglycidyl ether or a mixture thereof, (b) from 50 to 10% by weight of a cycloaliphatic epoxy resin of the formula I, II or III <IMAGE> or a mixture thereof, in which R<1> and R<2>, independently of one another, are each a hydrogen atom or methyl, m is a number from 2 to 6, X is a <IMAGE> , <IMAGE> or <IMAGE> group, R<3> is hydrogen or methyl, and n is an integer from 2 to 4, it being possible for the radical R<3> to have different meanings within the molecule, and the mixture of components (a) and (b) being 100% by weight, (c) a cycloaliphatic polycarboxylic anhydride as curing agent and optionally (d) a curing accelerator, gives moulded materials or coatings having thermomechanically excellent properties and increased resistance to hydrolysis and weathering.

IPC 1-7

C08G 59/24; **C08G 59/38**; **C08G 59/42**

IPC 8 full level

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CPC (source: EP US)

C08G 59/24 (2013.01 - EP US); **C08G 59/38** (2013.01 - EP US); **C08G 59/4215** (2013.01 - EP US); **C08G 59/686** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

EP 0394192 A2 19901024; **EP 0394192 A3 19920318**; **EP 0394192 B1 19960529**; AT E138670 T1 19960615; DE 59010345 D1 19960704; ES 2087900 T3 19960801; FI 901846 A0 19900411; FI 96694 B 19960430; FI 96694 C 19960812; JP H02296820 A 19901207; US 5106947 A 19920421

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